RESEARCH

Cariboo Forest Region

- Making Research Work For You -

EXTENSION NOTE #1
June 1993

Introduction to Extension Notes

RESEARCH ISSUE GROUPS

- **Soil Conservation**
- **Wildlife Habitat**
- **Hydrology**
- **Forest Health**
- **Reforestation**
- **Stand Tending**
- **Ecosystem Inventory and Classification**
- **Biodiversity**
- **Guideline Verification**
- **Extension**

Extension Notes are a new form of extension from the Forest Sciences section of the Cariboo Forest Region. Their purpose is to summarize information for field-based operational staff in Regions and Districts, and with Licencees. Extension Notes are intended to provide concise technical information for improving forest and range management practices and assisting in solving field-based problems.

Extension Notes will summarize a variety of types of Forest Sciences information, such as:

- project updates and reports,
- field-based consulting reports by Forest Sciences staff,
- journal publications, and
- conference proceedings.

The Research Issue Groups listed on the left-hand side of Extension Notes have been identified by Forest Sciences clients as the main areas for focusing research. Issue groups direct the planning, implementation and reporting of all Regional research. Each Extension Note will correspond with one or more research issue groups, and the appropriate issue group(s) will be highlighted with shading. We recommend that Extension Notes be filed for future reference by issue group.

The Forest Sciences section plans to produce a series of Extension Notes over time and will periodically distribute an index of all existing Extension Notes.

For more information or to pass on your comments, please contact **Jane Perry**, Research Extension Forester, at 398-4717.

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RESEARCH ISSUE GROUP DEFINITIONS

The main objective of the Cariboo Region Forest Sciences program is to contribute to improvement in the management of the Region's forest and range resources. Forest and range resource problems are identified, new management ideas are tested and analyzed, and successful results are developed into new or revised field practices for integrated resource management.

The Forest Sciences program currently addresses ten research issue groups, which are listed and defined below. Much of the integrated resource-based research is conducted across issue group boundaries.

SOIL CONSERVATION

Evaluating the long-term effects of management practices on forest soils, and developing reclamation procedures and soil conservation guidelines to maintain site productivity.

STAND TENDING

Developing and assessing vegetation management, thinning, and hardwood / mixedwood treatment options to meet integrated resource management objectives.

WILDLIFE HABITAT

Assessing habitat needs and developing guidelines that integrate the maintenance or enhancement of wildlife habitat with other resource values.

ECOSYSTEM INVENTORY AND CLASSIFICATION

Refining the Biogeoclimatic Ecosystem Classification, classifying sites, and developing interpretive guidelines for integrated resource management.

HYDROLOGY

Determining the effects of harvesting and roads on water quality and yield, erosion, sedimentation, ground water and snow, and developing guidelines for improved practices.

BIODIVERSITY

Developing an understanding of biodiversity to produce forest management strategies that sustain forest ecosystems at the stand and landscape level.

FOREST HEALTH

Investigating the implications of disease, insect, animal, abiotic and mycorrhizae influences in forest ecosystems and developing guidelines for integrated management.

GUIDELINE VERIFICATION

Assessing the effectiveness of regional guidelines for meeting their biological objectives, and recommending any necessary revisions to improve operational practices.

REFORESTATION

Evaluating techniques and producing guidelines to reforest disturbed areas while maintaining long-term site productivity and integrating forest resource uses.

EXTENSION

Assessing the information and format needs of field staff and delivering a variety of extension products and services to assist operations.